

ABSTRACT OF THE DISCLOSURE

A secondary battery electrode comprises a collector, and an active material layer formed on the collector. Further, the active material layer comprises first active material layer components including an electrode active
5 material, binder and first polar polymer, and second active material layer components including a second polar polymer, and being placed in voids between the first active material layer components. The secondary battery electrode is used in a secondary battery having an intrinsic polymer electrolyte.